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| FORM PTO-1449<br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br>INFORMATION DISCLOSURE STATEMENT<br>FOR PATENT<br><i>(Use several sheets if necessary)</i> |  |  |  | ATTY. DOCKET NO.:<br><b>DX0757K</b>            | SERIAL NO.:<br><b>09/910,695</b> |
|   |  |  |  | APPLICANT:<br><b>Joseph A. Hedrick, et al.</b> |                                  |
|   |  |  |  | FILING DATE:<br><b>July 20, 2001</b>           | GROUP:<br><b>1646</b>            |

## U. S. PATENT DOCUMENTS

| *EXAMINER INITIAL |    | DOCUMENT NUMBER | DATE     | NAME             | CLASS | SUB-CLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|----------|------------------|-------|-----------|----------------------------|
| PM                | AA | 5,248,666       | 9/28/93  | Twardzik, et al. |       |           |                            |
|                   | AB | 5,932,445       | 8/3/99   | Lal, et al.      |       |           |                            |
| ↓                 | AC | 5,262,522       | 11/16/93 | Gearing          | 530   | 350       |                            |

## FOREIGN PATENT DOCUMENTS

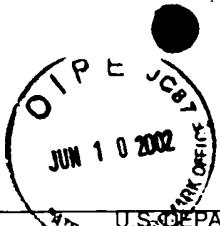
|    |    | DOCUMENT NUMBER | DATE     | COUNTRY                   | CLASS | SUB-CLASS | TRANSLATION YES NO |
|----|----|-----------------|----------|---------------------------|-------|-----------|--------------------|
| PM | AD | WO 94/12519     | 6/9/94   | PCT                       |       |           | X                  |
|    | AE | WO 94/12635     | 6/9/94   | PCT                       |       |           | X                  |
|    | AF | WO 95/03318     | 2/2/95   | PCT                       |       |           | X                  |
|    | AG | WO 95/04158     | 2/9/95   | PCT                       |       |           | X                  |
|    | AH | WO 95/10538     | 4/20/95  | PCT                       |       |           | X                  |
|    | AI | WO 96/05226     | 2/22/96  | PCT                       |       |           | X                  |
|    | AJ | WO 96/13587     | 5/9/96   | PCT                       |       |           | X                  |
|    | AK | WO 96/23225     | 8/1/96   | PCT TECH CENTER 1600 2900 |       |           | X                  |
|    | AL | WO 96/30406     | 10/3/96  | PCT                       |       |           | X                  |
|    | AM | WO 96/37621     | 11/28/96 | PCT                       |       |           | X                  |
|    | AN | WO 96/39434     | 12/12/96 | PCT                       |       |           | X                  |
|    | AO | WO 96/39438     | 12/12/96 | PCT                       |       |           | X                  |
| ↓  | AP | WO 96/40040     | 12/19/96 | PCT                       |       |           | X                  |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |    |   |
|----|----|---|
| PM | AQ | Anne L. Angiolillo, et al., Ann. NY Acad. Sci., 795:158-167, October 31, 1996.<br>"A Role for the Interferon-Inducible Protein 10 in Inhibition of Angiogenesis by Interleukin-12"  |
|    | AR | Anne L. Angiolillo, et al., J. Exp. Med., 182(1):155-162, July 1, 1995.<br>"Human Interferon-inducible Protein 10 is a Potent Inhibitor of Angiogenesis In Vivo"  |
|    | AS | Douglas A. Arenberg, et al., J. Exp. Med., 184(3):981-992, September 1, 1996.<br>"Interferon-γ-inducible Protein 10 (IP-10) Is an Angiostatic Factor That Inhibits Human Non-small Cell Lung Cancer (NSCLC) Tumorigenesis and Spontaneous Metastases" |
|    | AT | Masataka Baba, et al., J. Biol. Chem., 272(23):14893-14898, June 6, 1997.<br>"Identification of CCR6, the Specific Receptor for a Novel Lymphocyte-directed CC Chemokine LARC"  |

| EXAMINER     | DATE CONSIDERED |
|--------------|-----------------|
| Prerna Mehta | 12/23/02        |

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| TECH CENTER 1600, 2900<br>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  |           |  |  |                                  |
| <b>PM</b>   | <b>AU</b> | Ian Clark-Lewis, et al., <u>J. Biol. Chem.</u> , 269(23):16075-16081, June 10, 1994.<br>"Structural Requirements for Interleukin-8 Function Identified by Design Analogs and CXC Chemokine Hybrids"                        |  |                                  |
|   | <b>AV</b> | Brian Cunningham, et al., <u>Science</u> , 244: 1081-1085, June 2, 1989.<br>"High-Resolution Epitope Mapping of hGH-Receptor Interactions by Alanine-Scanning Mutagenesis"   |  |                                  |
|   | <b>AW</b> | Joshua M. Farber, <u>Biochem. Biophys. Res. Commun.</u> , 192(1):223-230, April 15, 1993.<br>"HuMIG: A NEW HUMAN MEMBER OF THE CHEMOKINE FAMILY OF CYTOKINES"  |  |                                  |
|   | <b>AX</b> | Joshua M. Farber, <u>Proc. Natl. Acad. Sci. USA</u> , 87:5238-5242, July 1990.<br>"A macrophage mRNA selectively induced by $\gamma$ -interferon encodes a member of the platelet factor 4 family of cytokines"            |  |                                  |
|   | <b>AY</b> | Reinhold Förster, et al., <u>Cell</u> , 87(6):1037-1047, December 13, 1996.<br>"A Putative Chemokine Receptor, BLR1, Directs B cell Migration to Defined Lymphoid Organs and Specific Anatomic Compartments of the Spleen" |  |                                  |
|   | <b>AZ</b> | I. Gantz, et al., <u>GenBank</u> , Accession Number L42324, August 6, 1997. Definition: "Homo sapiens (clone GPCR W) G protein-linked receptor gene (GPCR) gene, 5' end of cds."   |  |                                  |
|   | <b>BA</b> | I. Gantz, et al., <u>GenBank</u> , Accession Number L42326, August 6, 1997. Definition: "Canis familiaris (clone GPCR W) DNA fragment."  |  |                                  |
|   | <b>BB</b> | David George, et al., <u>Macromolecular Sequencing and Synthesis: Selected Methods and Applications</u> , 127-149, chapter 12, 1998  |  |                                  |
|   | <b>BC</b> | J. Hedrick, et al., <u>GenBank</u> , Accession Number AF001979, November 20, 1997. Definition: "Homo sapiens beta chemokine mRNA, complete cds."   |  |                                  |
|   | <b>BD</b> | J. Hedrick, et al., <u>GenBank</u> , Accession Number AF001980, November 20, 1997. Definition: "Mus musculus beta chemokine mRNA, complete cds."   |  |                                  |
|   | <b>BE</b> | Kunio Hieshima, et al., <u>J. Biol. Chem.</u> , 272(9):5846-5853, February 28, 1997.<br>"Molecular Cloning of a Novel Human CC Chemokine Liver and Activation-regulated Chemokine (LARC) Expressed in Liver"               |  |                                  |
|   | <b>BF</b> | Robert Hromas, et al., <u>Blood</u> , 89(9):3315-3322, May 1, 1997.<br>"Cloning and Characterization of Exodus, a Novel $\beta$ -Chemokine"  |  |                                  |
|   | <b>BG</b> | R. Hromas, et al., <u>GenBank</u> , Accession Number U88320, December 18, 1997.<br>Definition: "Human beta chemokine Exodus-2 mRNA, complete cds."   |  |                                  |
|   | <b>BH</b> | R. Hromas, et al., <u>GenBank</u> , Accession Number U88322, June 1, 1998.<br>Definition: "Mus musculus beta chemokine Exodus-2 mRNA, complete cds."   |  |                                  |
|   | <b>BI</b> | Marcel Loetscher, et al., <u>J. Experimental Medicine</u> , 184:963-969, September 1996.<br>"Chemokine Receptor Specific for IP10 and Mig: Structure, Function and Expression in Activated T-Lymphocytes"                  |  |                                  |
|   | <b>BJ</b> | Andrew D. Luster, et al., <u>NATURE</u> , 315:672-676, June 20, 1985.<br>" $\gamma$ -Interferon transcriptionally regulates an early-response gene containing homology to platelet proteins"                               |  |                                  |
| EXAMINER<br><i>Premma Menon</i>   |           | DATE CONSIDERED<br><i>12/23/02</i>   |  |                                  |
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| <i>PM</i>  | <b>BK</b>        | M. Marra, et al., GenBank, Accession Number AA177904, February 16, 1997.<br>Definition "mt05c02.r1 Soares mouse 3NbMS Mus musculus cDNA clone IMAGE:6201625' 5' mRNA sequence."   |                                    |  |                                  |
|  | <b>BL</b>        | M. Marra, et al., GenBank, Accession Number AA185904, January 9, 1997.<br>Definition "mu54a03.r1 Soares mouse lymph node NbMLN Mus musculus cDNA clone IMAGE:643180 5', mRNA sequence."   |                                    |  |                                  |
|  | <b>BM</b>        | M. Marra, et al., GenBank, Accession Number AA423677, October 16, 1997.<br>Definition "ve77d08.r1 Soares mouse mammary gland NbMMG Mus musculus cDNA clone IMAGE:832239 5' similar to TR:G1066731 G1066731 G PROTEIN-LINKED RECEPTOR ;, mRNA sequence." |                                    |  |                                  |
|  | <b>BN</b>        | M. Marra, et al., GenBank, Accession Number AA466996, June 11, 1997. Definition: "ve71a08.r1 Soares mouse mammary gland NbMMG Mus musculus cDNA clone IMAGE:831638 5', mRNA sequence."  |                                    |  |                                  |
|  | <b>BO</b>        | Matsuoka, et al., <u>Biochemical and Biophysical Research Communications</u> , 194(1):504-511, July 15, 1993.<br>"Identification of Novel Members of G-Protein Coupled Receptor Superfamily Expressed in Bovine Taste Tissue"                           |                                    |  |                                  |
|  | <b>BP</b>        | NCI-CGAP (Robert Strausberg), GenBank, Accession Number AA258793, August 13, 1997.<br>Definition "zs32c03.s1 NCI CGAP_GCB1 Homo sapiens cDNA clone IMAGE:686884 3' similar to TR:G1066731 G1066731 G PROTEIN-LINKED RECEPTOR ;, mRNA sequence."         |                                    |  |                                  |
|  | <b>BQ</b>        | NCI-CGAP (Robert Strausberg), GenBank, Accession Number AA258898, August 13, 1997.<br>Definition "zs32c03.r1 NCI CGAP_GCB1 Homo sapiens cDNA clone IMAGE:686884 5' similar to TR:G1066731 G1066731 G PROTEIN-LINKED RECEPTOR ;, mRNA sequence."         |                                    |  |                                  |
|  | <b>BR</b>        | Yoshihiro Ohmori & Thomas A. Hamilton, <u>Biochem. Biophys. Res. Commun.</u> , 168(3):1261-1267, May 16, 1990. "A Macrophage LPS-Inducible Early Gene Encodes the Murine Homologue of IP-10"  |                                    |  |                                  |
|  | <b>BS</b>        | A.H. Sarris, et al., <u>Leukemia</u> , 10(5):757-765, May 1996. "Human recombinant interferon-inducible protein-10 inhibits the proliferation of normal and acute myelogenous leukemia progenitors"   |                                    |  |                                  |
|  | <b>BT</b>        | Cecilia Sgadari, et al., <u>Blood</u> , 89(8):2635-2643, April 15, 1997.<br>"Mig, the Monokine Induced By Interferon-γ, Promotes Tumor Necrosis in Vivo"  |                                    |  |                                  |
|  | <b>BU</b>        | Cecilia Sgadari, et al., <u>Proc. Natl. Acad. Sci. USA</u> , 93(24):13791-13796, November 26, 1996.<br>"Interferon-inducible protein-10 identified as a mediator of tumor necrosis in vivo"   |                                    |  |                                  |
|  | <b>BV</b>        | R. M. Streiter, et al., <u>Biochem. Biophys. Res. Commun.</u> , 210(1):51-57, May 5, 1995.<br>"INTERFERON γ-INDUCIBLE PROTEIN 10 (IP-10), A MEMBER OF THE C-X-C CHEMOKINE FAMILY, IS AN INHIBITOR OF ANGIOGENESIS"                                      |                                    |  |                                  |
|  | <b>BW</b>        | Robert M. Streiter, et al., <u>J. Leuk. Biol.</u> , 57:752-762, May 1995.<br>"Role of C-X-C chemokines as regulators of angiogenesis in lung cancer"  |                                    |  |                                  |
|  | <b>BX</b>        | S. Tanabe, et al., <u>GenBank</u> , Accession Number AF006637, June 22, 1997.<br>Definition: "Mus musculus beta-chemokine TCA4 mRNA, complete cds."   |                                    |  |                                  |
|  | <b>BY</b>        | Padmavathy Vanguri & Joshua M. Farber, <u>J. of Biol. Chem.</u> , 265(25):15049-15057, Sept. 5, 1990.<br>"Identification of CRG-2"  |                                    |  |                                  |
| EXAMINER   | <i>Pema Meny</i> |   | DATE CONSIDERED<br><i>12/23/02</i> |  |                                  |

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